

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1465	(128/205.24).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 07:49
L2	972	1 and @ad<="20021216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 07:49
L3	123	(voice or speak or speaking or speech) and diaphragm and valve and (tracheostomy or trachea)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 07:50
L4	5	2 and L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 07:49
L5	5	(voice or speak or speaking or speech) and diaphragm and (valve or vent) and (tracheostomy or trachea) and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 07:50
L6	10	(voice or speak or speaking or speech) and (valve or vent) and (tracheostomy or trachea) and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 07:51
L7	49	(voice or speak or speaking or speech) and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 07:55
L8	1023	RUTTER.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 07:55

## EAST Search History

L9	13	8 near michael	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 07:55
S1	1708	((128/207.14) or (128/200.26) or (128/207.16)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 06:51
S2	18346	tracheotomy or trachea	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 07:23
S3	1991458	valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 06:51
S4	500	intrathoracic adj pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 06:51
S5	307258	diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 06:51
S6	6	S1 and S2 and S3 and S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 06:52
S7	54	S2 and S3 and S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 06:53

## EAST Search History

S8	54	S6 or S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 07:18
S9	2	("4582058").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 06:54
S10	31	("2339048"   "3228409"   "3342200"   "3683931"   "3692071"   "4106502"   "4325366"   "4494252").PN. OR ("4582058"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/07 06:56
S11	2	S8 and (tracheotomy adj tube)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 07:18
S12	54	S8 and (valves)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 07:20
S13	5	S8 and ((cm or centimeter) adj (water or H2O))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 07:21
S14	5	S8 and ((cm or centimeter) adj (water or H2O) or ((water or H2O) adj head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 07:21
S15	15	S8 and (diaphragm with (flexible or pliable or bendable or ductile or elastic or plastic or malleable or formable))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 07:24

## EAST Search History

S16	19	(US-20040231664-\$ or US-20040123868-\$ or US-20050267387-\$ or US-20040106874-\$ or US-20040019285-\$ or US-20050199237-\$ or US-20040016428-\$ or US-20030037784-\$ or US-20020170562-\$ or US-20020069878-\$).did. or (US-4326507-\$ or US-6986349-\$ or US-6604523-\$ or US-6193751-\$ or US-4424806-\$ or US-4697593-\$ or US-6526973-\$ or US-6062219-\$ or US-5692498-\$).did.	US-PGPUB; USPAT	OR	ON	2006/03/07 07:39
S17	13	S16 and @ad<="20021216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 07:44
S18	6	S16 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 07:40
S19	19	(US-20040231664-\$ or US-20050267387-\$ or US-20040106874-\$ or US-20040019285-\$ or US-20050199237-\$ or US-20040016428-\$ or US-20030037784-\$ or US-20020170562-\$ or US-20020069878-\$ or US-20040123868-\$).did. or (US-4326507-\$ or US-6986349-\$ or US-6604523-\$ or US-4697593-\$ or US-6526973-\$ or US-6062219-\$ or US-5692498-\$ or US-6193751-\$ or US-4424806-\$).did.	US-PGPUB; USPAT	OR	ON	2006/03/07 07:44
S20	13	S19 and @ad<="20021216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/07 07:44

## EAST Search History

S21	18346	tracheotomy or trachea	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 07:24
S22	1991458	valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 07:24
S23	500	intrathoracic adj pressure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 07:24
S24	307258	diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 07:24
S25	54	S21 and S22 and S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 07:24
S26	3	S25 and (speech or speaking or talk or talking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 07:25
S27	989	rutter.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 12:03
S28	12	S27 near MICHAEL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 12:03

## EAST Search History

S29	4	S28 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 12:04
S30	1	S28 and diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 12:04
S31	2	S28 and intrathoracic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 12:04
S32	5521	((128/200.24) or (128/200.26) or (128/201.19) or (128/202.27) or (128/204.26) or (128/205.25) or (128/206.15) or (128/207.12) or (128/207.14) or (128/207.15) or (128/207.16) or (128/202.27) or (128/202.28) or (128/202.29) or (128/203.11)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 07:48
S33	3633	S32 and @ad<="20021216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 16:58
S34	655	S33 and valve and (tracheostomy or trachea)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 16:58
S35	96	S34 and (voice or speaking or speak or speech)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 16:47

## EAST Search History

S36	63	("3924637" "4040428" "4280492" "4325366" "4326507" "4439872" "4459984" "4538607" "4582058" "4627433" "4697593" "4759356" "4763803" "5201722" "5392775" "5411491" "5727594" "5765560" "5957978" "6024120" "6102245" "6116457" "6193751" "6352525" "6409967" "6544292" "6604523" "6986349").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 16:47
S37	123	(voice or speak or speaking or speech) and diaphragm and valve and (tracheostomy or trachea)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/01 16:58
S38	59	S37 and @ad<="20021216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 07:48